

## DoD Space Planning Criteria for Health Facilities

### Ophthalmology/Optometry Clinic

#### **3.13.1. PURPOSE AND SCOPE:**

This section specifies the space planning criteria for outpatient ophthalmology and optometry clinics.

#### **3.13.2. DEFINITIONS:**

**Ophthalmology Services:** Ophthalmology services are rendered by a physician who provides care dealing with the structure, functions and diseases of the eye, the performing of certain surgical procedures; and the counseling of patients regarding their surgical alternatives and vision needs as related to their occupations, avocations and lifestyle.

**Optometry Services:** These services are provided by an optometrist who provides comprehensive eye health and vision examinations; diagnosis and treatment of eye diseases and vision disorders, the detection of general health problems; the prescribing of glasses, contact lenses, low vision rehabilitation, vision therapy, and medications; the performing of certain surgical procedures; and the counseling of patients regarding their treatment alternatives and vision needs as related to their occupations, avocations and lifestyle.

**Laser Eye Center:** A service that is approved, staffed and equipped to correct vision (i.e. nearsightedness, farsightedness and astigmatism) via surgical procedures, often using lasers (Laser in Situ Keratomileusis [LASIK], Photo Refractive Keratectomy [PRK], Photo Therapeutic Keratectomy [PTK], Radial Keratectomy [RK], or Automated Lamellar Keratectomy [ALK].

#### **3.13.3. POLICIES:**

Each FTE provider is entitled to a maximum of one office and two eye lanes. The eye lanes may be any combination of any of the rooms listed in paragraph 3.13.5 below (i.e. full length eye lanes or folded eye lanes). The combination shall be determined at each facility, but the total number of eye lanes may not exceed two. The provider's office space may either be part of a combined office/eye lane or it may be a separate office.

#### **3.13.4. PROGRAM DATA REQUIRED:**

Is an ophthalmologist programmed?  
 Is an optometrist programmed?  
 Number of eye technicians programmed?  
 Number of nurses programmed?  
 Has this location been designated for laser corrective vision services?  
 Projected clinic visits per year for the optometry service.  
 Projected clinic visits per year for the ophthalmology service.  
 Does the ophthalmology service provide phacoemulsification or extracapsular surgery?  
 Is this a site with an ophthalmology residency program?  
 Will a Laser Eye Center be offered within the clinic, or will it be a stand-alone clinic?  
 How many administrative support staff spaces are needed?  
 Can the laser eye center share eye lanes with other portions of the eye center?  
 Is there a Residency Research Technician?

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#### 3.13.5. SPACE CRITERIA:

FUNCTION	AUTHORIZED		PLANNING RANGE/COMMENTS
	m²	nsf	
PATIENT AREAS			
Clinic Waiting Area		varies	Provide space for 4.0 seats to be in the waiting area for each provider FTE. Provide 16 nsf for 95% of the seats and 25 nsf for 5% of the seats (handicapped). Note: this waiting area may be divided into smaller waiting areas during the design.
Clinic Reception Station /Control Counter	11.15	120	Minimum. Includes space for 2 technicians. One reception station per clinic.
Patient Toilets		varies	See Section 6.1.
Fundus Camera Room	11.15	120	One per clinic, for two cameras.
Fitting and Dispensing Area	13.00	140	Minimum. Includes 20 nsf for display area for “frame of choice” frames.
	15.79	170	For optometrist staff of 3 to 4. Includes 20 nsf for display area for “frame of choice” frames.
	20.44	220	For optometrist staff of five or more. Includes 20 nsf for display area for “frame of ch frames.
Frame Storage Area	7.43	80	For storage of “frame of choice” material.
Visual Field	11.15	120	One per service (optometry & ophthalmology), i.e. a clinic with both ophthalmology and optometry services will have two visual field rooms.
Vision Screen	11.15	120	One per 2 FTE in each service (optometry & ophthalmology), i.e. a clinic with both ophthalmology and optometry services will have a minimum of two vision screening rooms.
Contact Lens Room	11.15	120	One per clinic.
Eye Lane (Army & Air Force)	17.19	185	2 per each ophthalmologist or optometrist FTE projected. Use this when a 25-ft. eye lane is required.
Eye Lane (Navy)	15.39	170	2 per each ophthalmologist or optometrist FTE projected. Use this when a 24-ft. eye lane is required.
Eye Lane – Folded Electronic	13.01	140	2 per each ophthalmologist or optometrist FTE projected. Use this when virtual image testing is performed.
Combination Eye Lane/Office (Army & Air Force)	21.37	230	2 per each ophthalmologist or optometrist FTE projected. Use this when a 25-ft. eye lane is required, in combination with an office. When this room is used, the FTE is not entitled to an additional separate office.

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FUNCTION	AUTHORIZED		PLANNING RANGE/COMMENTS
	m²	nsf	
PATIENT AREAS (continued)			
Combination Eye Lane/Office (Navy)	20.44	220	2 per each ophthalmologist or optometrist FTE projected. Use this when a 24-ft. eye lane is required, in combination with an office. When this room is used, the FTE is not entitled to an additional separate office.
Combination Eye Lane/Office – Folded Electronic	17.65	190	2 per each ophthalmologist or optometrist FTE projected. Use this when virtual image testing is performed, and used in combination with an office. When this room is used, the FTE is not entitled to an additional separate office.
Ophthalmology Exam	13.01	140	2 per each ophthalmologist or optometrist FTE projected. Used when virtual image testing is performed.
STAFF AND SUPPORT AREAS			
Ophthalmologist/Optometrist Office	11.15	120	One per each FTE projected.
Nurse Managers Office	11.15	120	One per Nurse manager FTE projected.
Nurses’ Work Room	11.15	120	Minimum, if at least 1 FTE assigned. Add 40 nsf for each nurse above 4 assigned to the clinic.
Administrative Office		varies	Refer to Chapter 2.1. Provide if full time administrative support programmed.
NCOIC/LCPO/LPO Office	11.15	120	One per clinic.
Clean Utility Room	11.15	120	For up to 15 exam/treatment rooms.
	13.94	150	If 16-30 exam/treatment rooms.
	16.72	180	If >30 treatment rooms.
Soiled Utility	8.36	90	For up to 15 exam/treatment rooms.
	11.15	120	If 16-30 exam/treatment rooms.
	13.94	150	If > 30 treatment rooms.
Equipment Storage	11.15	120	For up to 15 exam/treatment rooms.
	13.94	150	If 16-30 exam/treatment rooms.
	16.72	180	If >30 treatment rooms.
Conference Room	23.25	250	Minimum. One per clinic unless ophthalmology residency program mission (see Residency Program).
Staff Lounge		varies	See Section 6.1.
Staff Lockers		varies	See Section 6.1.
Staff Toilets		varies	See Section 6.1.
Litter and Wheelchair storage	5.57	60	One per clinic.
Janitors’ Closet	5.57	60	One janitor’s closet per 10,000 nsf. See Section 6.1.

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	m²	nsf	
TREATMENT AREAS			
Eye Treatment Room	16.26	175	One per clinic.
Laser Treatment Room	16.72	180	One per clinic when ophthalmologist assigned.
Ultrasound Room	11.15	120	One per ophthalmology and/or optometry service.
Large Treatment Room	18.58	200	One per clinic when a minor surgery suite is not authorized.
Minor Surgery Suite			Provide a minor surgery suite in an ophthalmology clinic only if phacoemulsification or extracapsulary surgery procedures are performed. This service may be located in the Surgical Suite.
Operating Room	37.16	400	One per every six providers.
Recovery Room	22.30	240	Minimum 2 bed recovery form for each operating room. Add additional 230 nsf for each O.R. above one.
Recovery Toilet	3.72	40	One per recovery room.
Sterile Supply Room	9.29	100	One per recovery room.
Medi-Prep Room	9.29	100	One per recovery room.
Scrub Room	3.72	40	Minimum of one. One per every 2 O.R's.
Sub Sterilization Room	11.15	120	One per surgery suite.
Nurse Supervisor's Office	11.15	120	One per recovery room.
Nurses' Station	18.58	200	One per recovery room.
Ice Machine	1.86	20	One per recovery room.
Gurney Storage	8.36	90	One per recovery room.
Equipment Storage	46.45	500	One per recovery room.
Laser Eye Center			When an authorized service of this clinic.
Clinic Reception Station /Ctl. Counter	11.15	120	One reception station/clinic, if a free-standing.
PRK/Lasik	26.01	280	One per service.
Prep/Post Op. Room	27.87	300	One per service.
Equipment Sterilization Room	11.15	120	One per service.
Equipment Storage	13.94	150	One per service.
Treatment/Exam Rooms	11.15	120	One per service. Provide a treatment/exam or evaluation room, but not both.
Evaluation Room	22.30	240	One per service. Holds specialized equipment to measure corneas. Provide a treatment/exam or evaluation room, but not both.
Full Length Eye Lanes	21.37	230	4 Eye Lanes per Lasik Room. Determine if this number can be reduced if Laser Eye Center can share Eye Lanes with other functions within the Eye Clinic.
Med. Room	7.43	80	One per service.
Technician Workstation	11.15	120	Minimum. Provide 100 nsf per each additional FTE greater than 1.

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**Functions which are required for Residency Education in Ophthalmology:**

These areas are in addition to those listed under common areas above.

FUNCTION	AUTHORIZED		PLANNING RANGE/COMMENTS
	m <sup>2</sup>	nsf	
Director of Ophthalmology Residency	11.15	120	One per director of an Ophthalmology Residency Program.
Secretary to Director with visitor waiting.	11.15	120	One per Director of an Ophthalmology Residency Program, if there is a projected FTE secretary position.
Ophthalmology Coordinator	11.15	120	One per Ophthalmology Program Coordinator if there is a projected FTE.
Residency Research Technician	11.15	120	One per program, when there is a projected FTE position.
Ophthalmology Resident	5.57	60	Provide one 60 nsf workstation per each assigned resident, FTE.
Ophthalmology Outpatient Records Room		varies	Provide space using the formula for outpatient records in Section 2.5, page 4. Decrease central outpatient records space by the amount programmed for Ophthalmology.
Ophthalmology Office Library	22.29	240	One per Ophthalmology Residency Program.
Ophthalmology Laboratory	5.57	60	One per program.
Conference Room	37.16	400	One per Ophthalmology Residency Program.
Small Group Counseling Rooms	11.15	120	One per eight ophthalmologists and residents.